



F-8593

Ser. No. 10/528,039

## AMENDMENTS TO THE SPECIFICATION:

Please amend the indicated paragraphs of the specification in accordance with the amendments indicated below.

Page 7: 3<sup>rd</sup> full paragraph, amend as indicated below:

Where,  $\Delta n$  is a birefringence obtained by actual measurement and  $\Delta n_c^0$  represents an intrinsic birefringence of crystalline region, which is determined based on theoretical value. While the values cannot always agree, those values often used generally are 0.24 for polyethylene terephthalate, 0.096 for nylon 6 or nylon 66 and 0.042 for isotactic polypropylene. Also, this invention is able to obtain highly oriented super micro filaments. The highly molecular oriented filaments preferably have a degree of orientation of 20.8% in view of birefringence. ~~Concerning the degree of orientation in view of birefringence of the filaments, nylon 6 or nylon 66 have birefringence of  $35 \times 10^{-3}$  or more (degrees of orientation of 36.4% or more), polyethylene terephthalate have that of  $30 \times 10^{-3}$  or (degrees of orientation of 12.5% or more), preferably  $50 \times 10^{-3}$  or more (degrees of orientation of 20.8% or more) and isotactic polypropylene have that of  $20 \times 10^{-3}$  or more (degrees of orientation of 47.6% or more).~~ Further, the draw ratio  $\lambda$  in

this invention is represented by the following equation based on the diameter  $d_0$  for the original filament and the diameter  $d$  for the filament after drawing. In this case, calculation is performed assuming the density of the filament as constant. The diameter measurement is conducted by a scanning electron microscope (SEM) based on photograph taken at 350X for the original filament and at 1000X for the drawn filament, with respect to average values of 10 points.